

In the Claims

1 – 31. (CANCELED)

32. (CURRENTLY AMENDED) A wireless communication system comprising:

a network transceiver configured to:

receive a ~~first~~ unicast signal;

receive a multicast signal;

process the first unicast signal ~~using a first code~~ to generate a first ~~code division multiple access (CDMA) wireless radio frequency (RF) signal modulated with the unicast signal;~~

process the multicast signal ~~using a second code~~ to generate a second ~~CDMA wireless RF signal modulated with the multicast signal;~~ and

simultaneously transmit the first ~~CDMA wireless RF~~ signal and the second ~~CDMA wireless RF~~ signal ~~via a plurality of non-multiplexed channels;~~ and

a first subscriber unit configured to simultaneously receive the first CDMA wireless RF signal and the second CDMA wireless RF signal, demodulate the first wireless RF signal into the unicast signal, demodulate the second RF signal into the multicast signal, multiplex the unicast signal and the multicast signal onto a local network for delivery of the unicast signal to a first device on the local network and delivery of the multicast signal to the first device and a second device on the local network.

33. (CURRENTLY AMENDED) The wireless communication system of claim 32 ~~further comprising:~~

a second subscriber unit configured to receive the second CDMA signal wherein the subscriber unit is further configured to join a multicast transmission of the multicast signal.

34. (CURRENTLY AMENDED) The wireless communication system of claim 33 ~~wherein the first subscriber unit is configured to demodulate the first CDMA signal into a first local demodulated signal and multiplex the first local demodulated signal onto a first~~

~~local network for delivery to a first destination device the unicast signal comprises an Internet transmission.~~

35. (CURRENTLY AMENDED) The wireless communication system of claim 34 wherein ~~the first subscriber unit is configured to demodulate the second CDMA signal into a second local demodulated signal and multiplex the second local demodulated signal onto the first local network for delivery to a second destination device the~~ multicast signal comprises a television signal.

36. (CURRENTLY AMENDED) The wireless communication system of claim 35 wherein ~~the second subscriber unit is configured to demodulate the second CDMA signal into a third local demodulated signal and multiplex the third local demodulated signal onto a second local network for delivery to a third destination device~~ further comprising the first device, wherein the first device comprises a first network interface card configured to receive the unicast signal and a second network interface card configured to receive the multicast signal.

37. (CANCELED)

38. (ORIGINAL) The wireless communication system of claim 32 wherein the multicast signal comprises video.

39. (CURRENTLY AMENDED) The wireless communication system of claim 38 wherein the ~~first~~ unicast signal comprises data.

40. (CURRENTLY AMENDED) A method of wireless communication, the method comprising:

in a network transceiver:

receiving a ~~first~~ unicast signal;

receiving a multicast signal;

processing the first unicast signal ~~using a first code~~ to generate a first ~~code~~ division multiple access (CDMA) wireless radio frequency (RF) signal modulated with the unicast signal;

processing the multicast signal ~~using a second code~~ to generate a second ~~CDMA~~ wireless RF signal modulated with the multicast signal;

simultaneously transmitting the first ~~CDMA~~ wireless RF signal and the second ~~CDMA~~ wireless RF signal via a plurality of non-multiplexed channels; and

in a first subscriber unit:

simultaneously receiving the first ~~CDMA~~ wireless RF signal and the second ~~CDMA~~ wireless RF signal;

demodulating the first wireless RF signal into the unicast signal;

demodulating the second RF signal into the multicast signal; and

multiplexing the unicast signal and the multicast signal onto a local network for delivery of the unicast signal to a first device on the local network and delivery of the multicast signal to the first device and a second device on the local network.

41. (CURRENTLY AMENDED) The method of claim 40 further comprising:

receiving the second CDMA signal in a second subscriber unit in the subscriber unit, joining a multicast transmission of the multicast signal.

42. (CURRENTLY AMENDED) The method of claim 41 wherein the unicast signal comprises an Internet transmission ~~further comprising:~~

in the first subscriber unit:

~~demodulating the first CDMA signal into a first local demodulated signal;~~

and

~~multiplexing the first local demodulated signal onto a first local network for delivery to a first destination device.~~

43. (CURRENTLY AMENDED) The method of claim 42 wherein the multicast signal comprises a television signal ~~further comprising:~~

~~in the first subscriber unit:~~

~~demodulating the second CDMA signal into a second local demodulated signal; and~~

~~-multiplexing the second local demodulated signal onto the first local network for delivery to a second destination device.~~

44. (CURRENTLY AMENDED) The method of claim 43 further comprising:

~~in the second subscriber unit:~~

~~demodulating the second CDMA signal into a third local demodulated signal; and~~

~~multiplexing the third local demodulated signal onto a second local network for delivery to a third destination device~~

in the first device, receiving the unicast signal via first network interface card and receiving the multicast signal via a second network interface card.

45. (CANCELED)

46. (ORIGINAL) The method of claim 40 wherein the multicast signal comprises video.

47. (CURRENTLY AMENDED) The method of claim 46 wherein the ~~first~~ unicast signal comprises data.